	I		1		1	1	1	-	l	f	ı	L Number
10	71	210	4754	15	113	708	, سو	\$ ⊢	18	10847	<u> </u>	Hits
(GOUDIE adjiayer) adhesion hardness) (("4300497") or ("4511612") or ("3110292") or ("3140697") or ("4522171") or ("2739578") or ("3259116") or ("1798260") or ("4558664") or ("4485778")).pN.	j combustion) and (cylinder same (coat\$3 liner lining))) and (427/234) or (427/236) or (427/239) or (427/402) (427/403) or (427/421) or (427/180) or (427/181) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) (427/203) or (123/668)).CCLS.)) and ((two adj layer)	\$3 liner lining))) and or (427/239) or (427/402) or (427/181) or (427/203) or (427/205)	(internal adj combustion) and (cylinder same (coat\$3 liner lining))	(((internal adj combustion) and engine and cylinder) and ((cold adj spray) (kinetic adj spray) (gas adj dynamic))) and (coat\$3 lining liner)	((internal adj combustion) and engine and cylinder) and ((cold adj spray)	or (29/888.06) or (29/888.061) or (123/668)).CCLS.) and (kinetic adj spray) ((internal adj combustion) engine cylinder) and ((cold adj spray) (kinetic adj spray) (spray) (spr	and cold\$1spr or (427/239) o or (427/181)	()	or (427/239) o or (427/181)	((427/230) of (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205)	SHAIKH-Furqan-Zafar[in] BLAIR-Howard-Douglas[in] TABACZYNSKI-Rodney-John[in] PAN-Tsung-Yulin]	
USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; FDO: TDO:	DERWENT USPAT; US-PGPUB; EBG: TBG:	DERWENT USPAT; US-PGPUB;	EPO; JPO; DERWENT USPAT; US-PGPUB;	DERWENT USPAT; US-PGPUB;	DERWENT USPAT; US-PGPUB; EPO: .TPO:	USPAT; US-PGPUB; EPO; JPO;	DB
2002/04/29 11:49	2002/04/29 11:47	2002/04/29 10:23	2002/04/29 10:23	2002/04/29 10:18	2002/04/29 10:14	2002/04/29 10:11	2002/04/29 10:08	2002/04/29 10:08	2002/10/23 15:05	2002/10/23 15:04	2002/10/23 15:04	Time stamp

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	("2166634").PN.	0906021.URPN. ("1923790").PN.	982067" "5080056" '	0999021").EN. 2588422" "3077659"	5622753.URPN.	"5358753"	"3295198"	2558286" "2588422"	("5691004") PN		1 "4574590" '	" "4245611"	6").PN.	adhesion) and ()		•	adhesion) and	resistance)	a a a	dj spray) and	cylinder adj	transfer adj resistance)))) and	adj	der (cylinder	transfer)	nder	transfer adj resistance)))	_	j≱transfer	(((cylinder (cylinder adj	transfer adj resistance))	hermal) adj spray) and	ıder adj	1999-561020 NRAN.			(cylinder adj bore) and (inder adj bore)	(427/230[ccls] 427/233[ccls	•
			"5271967"	390C		537641	"3338733"	283		"47382	4587177"	4481	,	(hardness	((heat		(hardness	(theat) 1	(((heat	bore))	.) aı	(((heat	bore)eat		((nea	bore	1eat	adj bore		(hea	bore)				(the		,	-	
			67"	יחחכו		10"	733"	3668		227"	177"	1237	(א פ	adj			rmal	بر کر کر					9) ;	the	re))	י בו	(je	the	<u>()</u>	.*;	•		:,	aris di		mal.	Berg d		427/	عد الدو مرا
			"5334235" "5466906" "54682	7" "UVC:665" .		"5380564" "5622753").PN.		" "2976169" "3010843" "3011		"4739738" "4975314").PN.	"4588607" "4645716" "46516	" "4495907" "4503130" "454	+ Hataneo	"material hardness" hard)	transfer) (thermal adj transfer) ("material hardness" hard)	adi transfer adi resistance)) and (adhere	+ 1 1 2 2 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ransfer) ((heat	same aluminum) and coat\$3 and ((plasma	d adj		aluminum) and coat\$3 and ((pl	adj transfer adj resistance	bore)) same aluminum) and coat\$3 and (((heat	tnermal) ad] transier) ((heat thermal) ad]	same aluminum) and coat\$3 and (() adj transfer adj resista))) same aluminum) and coat\$3 and (((heat ::	- A	ransfer) ((heat t	same aluminum) and coat\$3 and ((plasma)				l plasma) adj spray)			/234[ccls] 427/236[ccls] 427/239[ccls] Band	
	USPAT	USPAT		USPAT	USPAT .		COFAI	USPAT	USPAT			USPAT	USPAT		USOCR	DERWENT	EPO; JPO;	USPAT;			USOCR		DERWENT .	EPO; JPO;	US-PGPUB:	USPAT:	DERWENT	EPO; JPO;	US-PGPUB;	USPAT:	EPO; JPO;	US-PGPUB;	USPAT;	DERWENT.	EPO; JPO;	US-PGPUB;	USPAT;	EPO; JPO;	US-PGPUB;	IISPAT:	
••		2002/04/29 13:53 2002/04/29 14:07	2002/04/23 13.33	2002/04/29 14:07	2002/04/29 13:37		2002/04/29 IS:S/	2002/04/29 13:53	2002/04/29 13:30			2002/04/29 13:18	2002/04/29 13:37		2002/04/29 13:18			2002/04/29 I3:I8			2002/04/29 13:15					2002/04/29 13:18	1			2002/04/29 13:12			2002/04/29 13:14	2002/04/29 12:05			2002/04/29 12:41		2002/04/23 IJ.43	2002/04/29 15:43	

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	11262	19 21	9	2	10	<u> </u>	24	736	** 21	37	16	38	609
29/888.06) or (29/828.061) or (123/668)).CCLS.	(427/233) or (427/234) or (427/236) or (427/235) or (427/405) or (427/421) or (427/180) or (427/181) or (427/191) or (427/191) or (427/191) or (427/191) or (427/202) or (427/203) or (427/202) or (427/	rgan-Zafar[in] BLAIR-Howar -Yu[in]	("2861900" "4235943" "4256779" "4289807" "4416421" "4627990" "4815414" "4928879" "5019429") bu	("5302414").PN.	"cold gas dynamic spray"	"cold gas dynamic spray" and angle	(gas adj dynamic) with spray	((cylinder (cylinder adj bore)) same aluminum) and coat\$3 and (((heat thermal) adj transfer adj resistance))	el") not plasma)	"cylinder bore") and "stainless stee	(aluminum with "cylinder bore") and "stainless steel" and ((thermal adj spray)	("cylinder bore" and "stainless steel") and ((thermal plasma) adj s	"cylinder fore" and "stainless steel"
	DERWENT DERWENT (427/402) USPAT; Or US-PGPUB; (427/205) EPO; JPO;			EPO; JPO; DERWENT USPAT; US-PGPUB;	EPO; JPO; DERWENT USPAT; US-PGPUB;	DERWENT USPAT; US-PGPUB;	DERWENT US-PGPUB;	DERWENT Pat US-PGPUB; US-PGPUB;	vith	EPO; JPO; DERWENT USPAT; US-PGPUB;	DERWENT USPAT; US-PGPUB;	EPO; JPO; DERWENT USPAT; US-PGPUB;	USPAT; US-PGPUB;
	2002/10/23 15:04	2002/04/30 09:40 2002/10/23 12:06	2002/04/30 09:39	2002/04/30 09:39	2002/04/29 15:50	2002/04/29 15:50	2002/04/29 15:50	2002/04/29 15:20	2902/04/29 14:58	2002/04/29 14:58	2,002/04/29 14:56	2002/04/29 14:49	2002/04/29 14:49

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2002/16/24 14:46	DERWENT	or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.) and (bond near2 coat\$3) and (graded gradient)	u S
•	EPO; JPO; DERWENT) or (427/454) or (427/455) or (427/456)).CCLS.	<u>م</u> ش
2002/10/24 13:52	EPO; JPO USPAT;	((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452)	2279
2002/10/24 13:51	USPAT;	((bond bonding) near3 coat) same (gradient graded) same (adhesion thermal)	50
		crease increased increasing) near3 ((wear near2 resistance) (abrasi	
	EPO; JPO	<pre>((thermal near2 resistance) (heat near2 resistance)</pre>	
2002/10/24 13:27	USPAT;	<pre>near2 resistance))) ((graded gradient) near3 (coating lining layer)) same ((increase increased</pre>	ω
	EPO; JPO	stance) (thermal near2 conductivity) (heat near2 resistance)) same ((wear near2 res	
2002/10/24 11:47	USPAT;	ded gradient) near3 (coating lining layer)) and	53
		a	
2002/10/24 11:34	USPAT; EPO; JPO	resistance) (thermal near2 conductivity) (heat near2 resistance) (heat near2	c
		near2 resistance))	
-	EPO; JPO	(Chermal hear/ conductivity) (heat hear/ resistance) (heat hear/	
2002/10/24 11:31	USPAT;	raded gradient) near3 (coating lining)) same ((thermal near2	 1
2002/10/24 11:28	EPO: JPO	adj bore) cylinder) (coating lining)) same ((engine adj block) (cyliner	
		cylinder)	 S
2002/10/24 10:45	USPAT	10 L	16
2002/10/24 14:48	USPAT	<pre>celinder() culinder()</pre>	95
2002/10/24 10:35	USPAT	"4982067" "5080056" "5271967" "5334235" "5466906" "5468295").pn.	. 12
		"5271967" "5334235" "5466906" "54	
2002/10/24 10:21	USPAT	1 "4110512"	0 \
	USPAT .	521. URPN.	2
2002/10/24 10:21	USPAT	("2588422" "3077659" "3900200" "3991240" "4110512" "4687678" "4982067" "5468295") PN	
	DERWENT		<u>.</u>
2002/10/23 16:08	USPAT;	(engine near3 (cylinder block bore)) same ((gradient graded) near3 (coating lining))	
	DERWENT	the second	
2002/10/23 16:05	USPAT;	(cyliner adj (bore lining liner)) same (graded gradient)	0
٠	EPO; JPO;		
2002/10/23 15:19	USPAT;	(cylinder near3 (lining coating)) same (gradient graded)	12
	EPO; JPO;		in kili da a Makijaan ya
2002/10/23 15:04	USPAT; US-PGPUB;	SHAIKH-rurgan-Zafar(in) BLAIR#Howard-Douglas[in] TABACZYNSKI-Rodney-John[in] PAN-Tsung-Yu[in]	A Paragraphic

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54	64	<u>۱</u>	19292	C	<i>4</i> . C	.	10
(((((coating lining)) same ((engine adj block) (cyliner adj bore) cylinder)) and (((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.)) and wear and thermal) and oxide	((((coating lining)) same ((engine adj block) (cyliner adj bore) cyliner) and (((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.)) and wear and thermal	(((Coating lining)) same ((engine adj block) (cyliner adj bore) cylinder)) and (((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (423/454) or (427/455) or (427/456)) ccis) a	((coating lining)) same ((engine adj block) (cyliner adj bore) cylinder)	1) or .CCLS.) and (bore coating	GORYNIN and (gradient graded)	(427/454) or (427/452) or (427/453) or (427/454) or (427/455) or (427/455) or (427/452) or (427/453) or (427/454) or (427/455) or (427/455) or (427/456)). CCLS.)	00 10 10 10 10 10 10 10 10 10 10 10 10 1
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